

ABSTRACT OF THE DISCLOSURE

A laser apparatus includes: a plurality of laser diodes respectively having light-emission points and being fixed to a block so that the light-emission points are aligned along a direction; and a collimator-lens array integrally formed to contain a plurality of collimator lenses which are arranged along a direction and respectively collimate laser beams emitted from the plurality of laser diodes. The block has a lens-setting surface which is flat, perpendicular to optical axes of the plurality of laser diodes, and located on the forward side of the plurality of laser diodes at a predetermined distance from the light-emission points, and the collimator-lens array is fixed to the block so that an end surface of the collimator-lens array is in contact with the lens-setting surface.